

#17



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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/008,739A

DATE: 05/01/2002  
TIME: 12:18:56

Input Set : A:\PC10893AGPR Sequence Listing.ST25.txt  
Output Set: N:\CRF3\05012002\J008739A.raw

3 <110> APPLICANT: Pfizer Inc.  
4 Castleberry, Tessa A.  
5 Lu, Bihong  
6 Owen, Thomas A.  
7 Smock, Steven L.  
9 <120> TITLE OF INVENTION: The Canine Androgen Receptor  
11 <130> FILE REFERENCE: PC10893AGPR  
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/008,739A  
C--> 13 <141> CURRENT FILING DATE: 2002-04-15  
13 <160> NUMBER OF SEQ ID NOS: 2  
15 <170> SOFTWARE: PatentIn version 3.1  
17 <210> SEQ ID NO: 1  
18 <211> LENGTH: 3577  
19 <212> TYPE: DNA  
20 <213> ORGANISM: Canine  
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27 caccctgagg ccgtgagcgc agcacctccc ggtggccatt tgccggcagca gcagcagcag 180  
29 cagcagcagc aggagaccag tcctcgccag cagcagcagc aacagcaggg tgacatggc 240  
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33 cctcccaaac agccggcagc ctccaaaggcc catccggaga gtgcctgcgt tccagacgcct 360  
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77 tttccacctc agaagacctg tctgatctgc ggtgatgaag cttctggctg tcactatgg 1680  
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 81 tacctgtgtg ccagcagaaa tgattgtacc atcgataaat tccgaaggaa aaattgtcca 1800  
 83 tcttgcgc tccggaaatg ctatgaagca gggatgactc tggagccccg gaagctaaag 1860  
 85 aaactgggaa atctgaaact gcaagaggaa ggagaggctt ccaatgtcac cagccccact 1920  
 87 gaggagccaa cccagaagct gacgggtgtca cacattgaag gctatgagtg tcagcccatc 1980  
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 91 cagcccgact ctttgcagc ttgcctctc agcctaattg aattgggtga aaggcagctt 2100  
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 97 tccttcacca atgtcaactc caggatgtc tacattggccc ctgacctgg tttcaatgag 2280  
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 103 tttagcattt ttccagtggta tgggtgaaa aatcaaaaat tctttatgaa acttcgaatg 2460  
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 111 gaaatgatgg cagaaatcat ctccgtgcaa gtgccaaga tttttctgg gaaagtcaag 2700  
 113 cccatctatt tccacacgc gtaagctt agaagccct gtctctcac caccaccacc 2760  
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 139 cacactgcaaa agaatccaga tcacatggaa taacttataa gatgggttag gtttgcata 3540  
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 145 <211> LENGTH: 907  
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 155 Lys Thr Tyr Arg Gly Ala Phe Gln Asn Leu Phe Gln Ser Val Arg Glu  
 156 20 25 30  
 159 Val Ile Gln Asn Pro Gly Pro Arg His Pro Glu Ala Val Ser Ala Ala  
 160 35 40 45  
 163 Pro Pro Gly Ala His Leu Gln  
 164 50 55 60  
 167 Glu Thr Ser Pro Arg Gln Gln Gln Gln Gln Gln Gly Asp Asp Gly  
 168 65 70 75 80  
 171 Ser Pro Gln Ala Gln Ser Arg Gly Pro Thr Gly Tyr Leu Ala Leu Asp

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176					100				105						110	
179	Glu	Ser	Ala	Cys	Val	Pro	Glu	Pro	Gly	Val	Thr	Ser	Ala	Thr	Gly	Lys
180					115				120						125	
183	Gly	Leu	Gln	Gln	Gln	Pro	Ala	Pro	Pro	Asp	Glu	Asn	Asp	Ser	Ala	
184		130				135					140					
187	Ala	Pro	Ser	Thr	Leu	Ser	Leu	Leu	Gly	Pro	Thr	Phe	Pro	Gly	Leu	Ser
188	145					150					155				160	
191	Ser	Cys	Ser	Thr	Asp	Leu	Lys	Asp	Ile	Leu	Ser	Glu	Ala	Gly	Thr	Met
192						165				170					175	
195	Gln	Leu	Leu	Gln	Gln	Gln	Arg	Gln								
196		180					185			190						
199	Gln	Glu	Val	Val	Ser	Glu	Gly									
200		195					200			205						
203	Ser	Ser	Ser	Gly	Arg	Ala	Arg	Glu	Ala	Ala	Gly	Ala	Ser	Thr	Ser	Ser
204		210					215			220						
207	Lys	Asp	Ser	Tyr	Leu	Gly	Gly	Ser	Ser	Thr	Ile	Ser	Asp	Ser	Ala	Lys
208	225					230				235					240	
211	Glu	Leu	Cys	Lys	Ala	Val	Ser	Val	Ser	Met	Gly	Leu	Gly	Val	Glu	Ala
212						245				250					255	
215	Leu	Glu	His	Leu	Ser	Pro	Gly	Glu	Gln	Leu	Arg	Gly	Asp	Cys	Met	Tyr
216		260					265				270					
219	Ala	Pro	Leu	Leu	Gly	Gly	Pro	Pro	Ala	Val	Arg	Pro	Cys	Ala	Pro	Leu
220		275					280				285					
223	Ala	Glu	Cys	Lys	Gly	Ser	Leu	Leu	Asp	Asp	Gly	Pro	Gly	Lys	Gly	Thr
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228	305					310				315					320	
231	Leu	Asp	Gly	Asp	Ser	Leu	Gly	Cys	Ser	Ser	Ser	Ser	Glu	Ala	Gly	Gly
232		325						330						335		
235	Ser	Gly	Thr	Leu	Glu	Met	Pro	Ser	Thr	Leu	Ser	Leu	Tyr	Lys	Ser	Gly
236		340						345						350		
239	Ala	Leu	Asp	Glu	Ala	Ala	Ala	Tyr	Gln	Ser	Arg	Asp	Tyr	Tyr	Asn	Phe
240		355						360						365		
243	Pro	Leu	Ser	Leu	Gly	Gly	Pro	Pro	Pro	His	Pro	Pro	Pro	Pro	His	Pro
244		370					375			380						
247	His	Thr	Arg	Ile	Lys	Leu	Glu	Asn	Pro	Leu	Asp	Tyr	Gly	Ser	Ala	Trp
248	385					390				395					400	
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252		405						410						415		
255	Gly	Ala	Gly	Ala	Ala	Gly	Pro	Ser	Ser	Gly	Ser	Pro	Ser	Ala	Thr	Thr
256		420						425						430		
259	Ser	Ser	Ser	Trp	His	Thr	Leu	Phe	Thr	Ala	Glu	Glu	Gly	Gln	Leu	Tyr
260		435					440			445						
263	Gly	Pro	Cys	Gly	Gly	Ser	Gly	Gly	Gly	Ser	Ala	Gly	Asp	Gly	Ser	
264		450					455			460						
267	Val	Ala	Pro	Tyr	Gly	Tyr	Thr	Arg	Pro	Pro	Gln	Gly	Leu	Ala	Gly	Gln
268	465					470				475					480	

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272 485 490 495  
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276 500 505 510  
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280 515 520 525  
283 Thr Ala Arg Asp His Val Leu Pro Ile Asp Tyr Tyr Phe Pro Pro Gln  
284 530 535 540  
287 Lys Thr Cys Leu Ile Cys Gly Asp Glu Ala Ser Gly Cys His Tyr Gly  
288 545 550 555 560  
291 Ala Leu Thr Cys Gly Ser Cys Lys Val Phe Phe Lys Arg Ala Ala Glu  
292 565 570 575  
295 Gly Lys Gln Lys Tyr Leu Cys Ala Ser Arg Asn Asp Cys Thr Ile Asp  
296 580 585 590  
299 Lys Phe Arg Arg Lys Asn Cys Pro Ser Cys Arg Leu Arg Lys Cys Tyr  
300 595 600 605  
303 Glu Ala Gly Met Thr Leu Gly Ala Arg Lys Leu Lys Lys Leu Gly Asn  
304 610 615 620  
307 Leu Lys Leu Gln Glu Glu Gly Glu Ala Ser Asn Val Thr Ser Pro Thr  
308 625 630 635 640  
311 Glu Glu Pro Thr Gln Lys Leu Thr Val Ser His Ile Glu Gly Tyr Glu  
312 645 650 655  
315 Cys Gln Pro Ile Phe Leu Asn Val Leu Glu Ala Ile Glu Pro Gly Val  
316 660 665 670  
319 Val Cys Ala Gly His Asp Asn Asn Gln Pro Asp Ser Phe Ala Ala Leu  
320 675 680 685  
323 Leu Ser Ser Leu Asn Glu Leu Gly Glu Arg Gln Leu Val His Val Val  
324 690 695 700  
327 Lys Trp Ala Lys Ala Leu Pro Gly Phe Arg Asn Leu His Val Asp Asp  
328 705 710 715 720  
331 Gln Met Ala Val Ile Gln Tyr Ser Trp Met Gly Leu Met Val Phe Ala  
332 725 730 735  
335 Met Gly Trp Arg Ser Phe Thr Asn Val Asn Ser Arg Met Leu Tyr Phe  
336 740 745 750  
339 Ala Pro Asp Leu Val Phe Asn Glu Tyr Arg Met His Lys Ser Arg Met  
340 755 760 765  
343 Tyr Ser Gln Cys Val Arg Met Arg His Leu Ser Gln Glu Phe Gly Trp  
344 770 775 780  
347 Leu Gln Ile Thr Pro Gln Glu Phe Leu Cys Met Lys Ala Leu Leu Leu  
348 785 790 795 800  
351 Phe Ser Ile Ile Pro Val Asp Gly Leu Lys Asn Gln Lys Phe Phe Asp  
352 805 810 815  
355 Glu Leu Arg Met Asn Tyr Ile Lys Glu Leu Asp Arg Ile Ile Ala Cys  
356 820 825 830  
359 Lys Arg Lys Asn Pro Thr Ser Cys Ser Arg Arg Phe Tyr Gln Leu Thr  
360 835 840 845  
363 Lys Leu Leu Asp Ser Val Gln Pro Ile Ala Arg Glu Leu His Gln Phe  
364 850 855 860  
367 Thr Phe Asp Leu Leu Ile Lys Ser His Met Val Ser Val Asp Phe Pro

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368 865 870 875 880  
371 Glu Met Met Ala Glu Ile Ile Ser Val Gln Val Pro Lys Ile Leu Ser  
372 885 890 895  
375 Gly Lys Val Lys Pro Ile Tyr Phe His Thr Gln  
376 900 905

**VERIFICATION SUMMARY**

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Input Set : A:\PC10893AGPR Sequence Listing.ST25.txt  
Output Set: N:\CRF3\05012002\J008739A.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No  
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date